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2   **Abstract of the Disclosure**

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4   An electrical machine, in particular a generator for motor vehicles, with a  
5   rotatably supported rotor (27), is disclosed, whereby at least one bearing (24)  
6   serves to support the rotor (27) in a hub (21), and an axially-acting spring force of  
7   a spring element (47) acts on the bearing (24), the spring element bearing  
8   against the hub (21) with spring force. It is provided that the spring element (47)  
9   is a disc spring and is capable of functioning back and forth across a flat position  
10  of the spring element (47).

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13   (Figure 2)

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